

REF ID: A61  
Cy 1 of 3

25 July 1961

MEMORANDUM FOR: Addressees

SUBJECT: Preliminary Report of Mission 3049,  
System VI

Enclosed is the preliminary report of Mission 3049, System VI.

25X1A

*for* HERBERT SCOVILLE, JR.  
Assistant Director  
Scientific Intelligence

Enclosure:  
Report of  
Mission 3049

Distribution:

Copy 1 - DFD/DDP

2-3 - TCO, NSA

25X1A

4 - TCO, NSA/COSA-5

5-7 - TCO, OACSI/DA

8-11 TCO, ONI

12-17 TCO, AF/CIN, 1A3

18 TCO, JCS

19 TCO, SAC

20 TCO, State Department

21-22 DDP ( )

25X1A

23-28 PIC

29 ORR

30 OCI

31-34 OSI

TOP SECRET CHES

TOP SECRET CHESSE

25 July 1961  
Attachment to  
TCS-9522-61  
Cy 1 of 34

Preliminary Report of Mission 3049, System VI

1. Mission 3049 was flown 15 June 1961. The aircraft carried a System VI ELINT collection configuration and other surveillance equipments. Following takeoff, the plane proceeded on an east-southeast heading, flying parallel to and slightly north of the Greater Antilles. A change in heading of approximately 180 degrees was effected at a position over the Dominican Republic, after which the vehicle continued on a northwesterly course to Guantanamo; there west to Cayo Cruz, northwest to Havana, and finally west to the Gulf of Mexico.

2. All of the System VI equipment associated with this flight functioned properly for the duration of the mission. No L-band intercepts were effected but the S, P, and X-band receivers were quite active.

3. The mission, as well as those previously completed in the Caribbean Area, reveal considerable radar activity associated with the early warning equipments located on the southern coast of the continental United States. Numerous signals were received which may have been emissions of the Soviet airborne navigation radar, MUSHROOM. Also, intercepts having parameters consistent with equipments employed on Bloc merchant vessels were in evidence. However, in each of the aforementioned instances, the emissions are not definitely identifiable as being associated with Soviet equipment since their related parameters are also consistent with those exhibited by one or more friendly sets. Careful examination of the intercepts made in the immediate vicinity of Havana similarly provided no positive indication of Soviet radar activity.

TOP SECRET CHESSE